

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127721.D
 Acq On : 08 Apr 2022 18:54
 Operator : CG\JU
 Sample : N2317-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-2

Quant Time: Apr 11 02:22:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

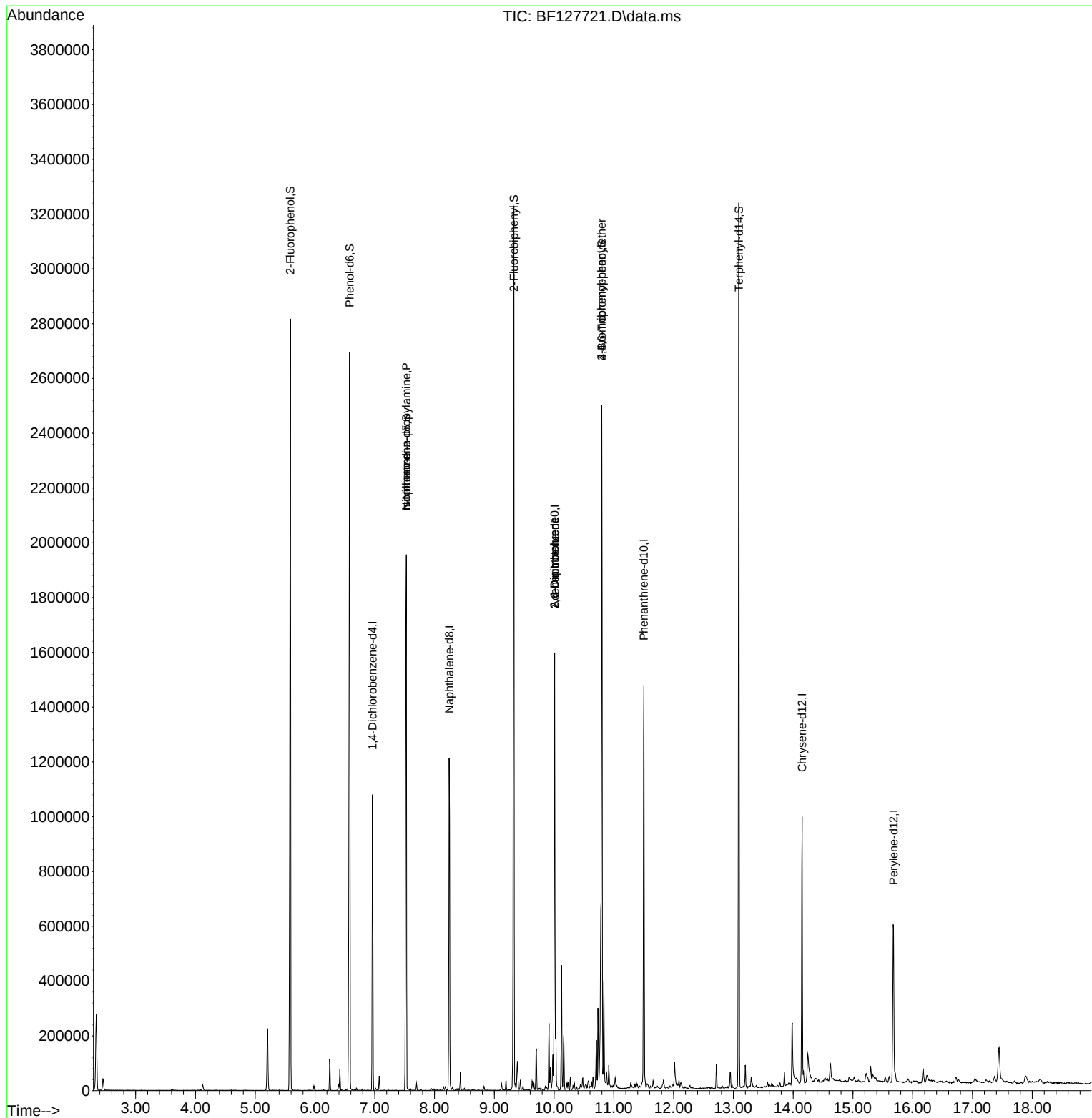
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	138854	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	520261	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	300020	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	533810	20.000	ng	0.00
76) Chrysene-d12	14.151	240	325745	20.000	ng	0.00
86) Perylene-d12	15.680	264	290699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	713937	83.547	ng	0.00
7) Phenol-d6	6.581	99	932452	83.410	ng	0.00
23) Nitrobenzene-d5	7.528	82	671994	57.583	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	288600	90.395	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1075448	50.710	ng	0.00
79) Terphenyl-d14	13.092	244	1084451	54.951	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	536	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.528	70	90416	12.505	ng	# 74
25) Isophorone	7.528	82	671978	33.000	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	37827	9.228	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	37827	7.443	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	18646	2.878	ng	# 1

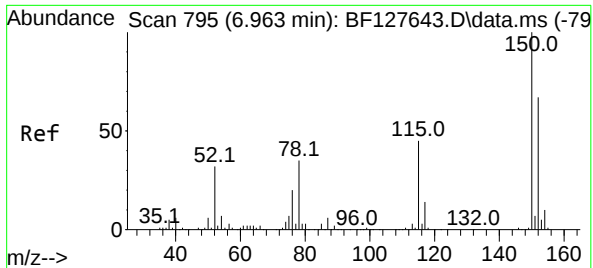
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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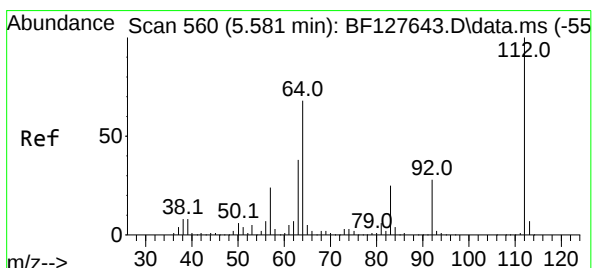
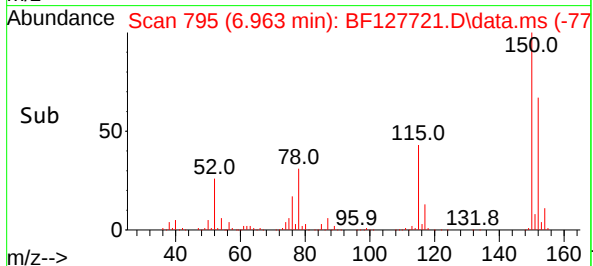
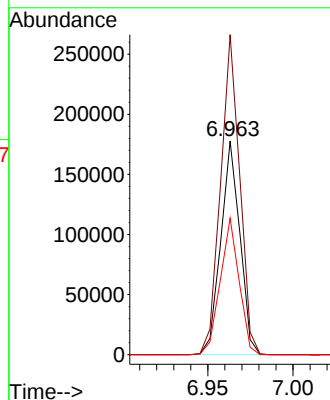
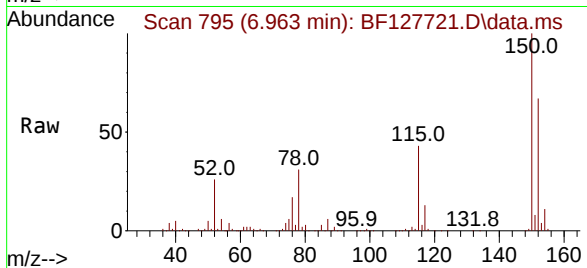




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

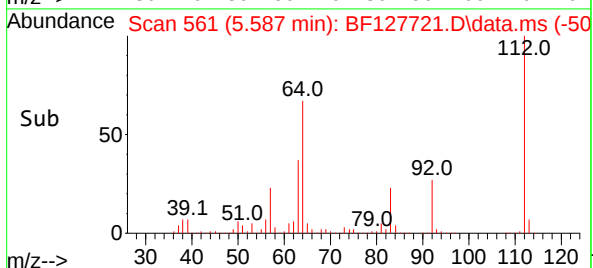
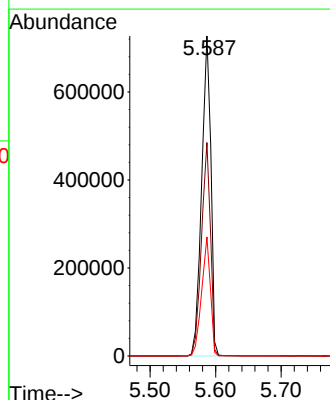
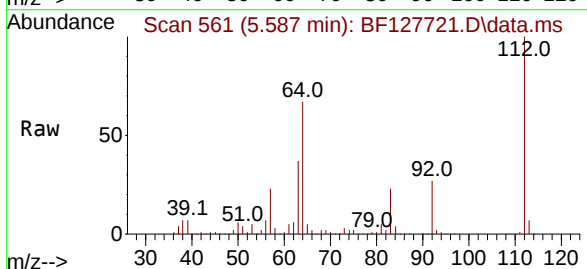
Instrument :
BNA_F
ClientSampleId :
WEST-2

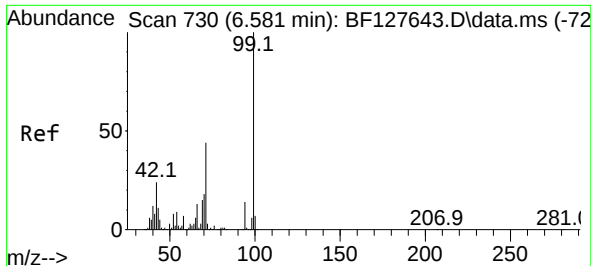
Tgt Ion:152 Resp: 138854
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 63.9 49.8 74.6



#5
2-Fluorophenol
Concen: 83.547 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

Tgt Ion:112 Resp: 713937
Ion Ratio Lower Upper
112 100
64 66.7 58.4 87.6
63 37.2 30.1 45.1

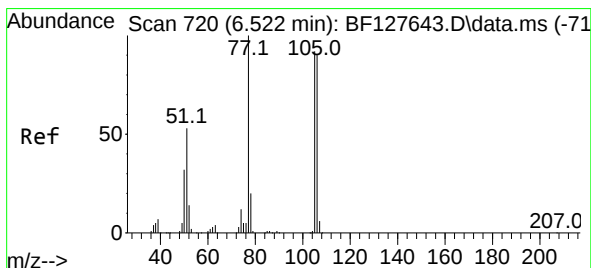
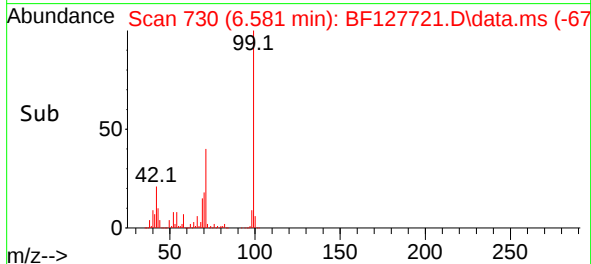
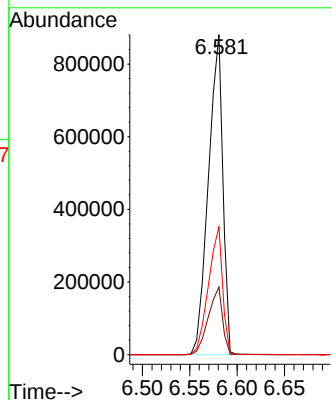
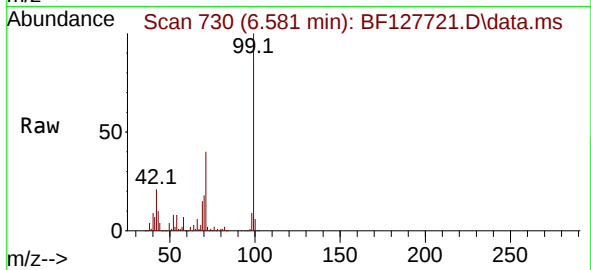




#7
Phenol-d6
Concen: 83.410 ng
RT: 6.581 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

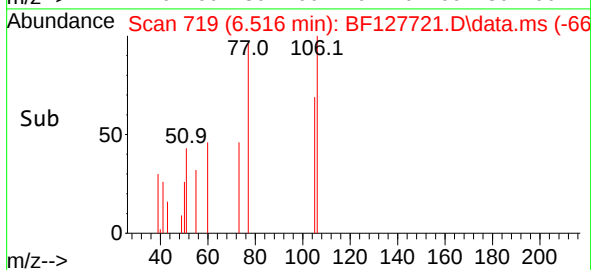
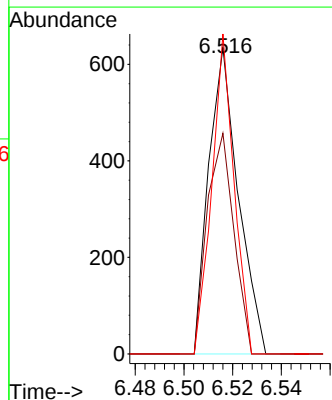
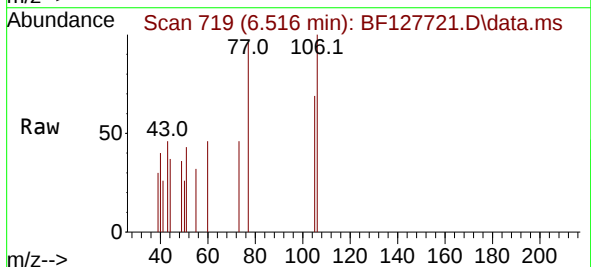
Instrument :
BNA_F
ClientSampleId :
WEST-2

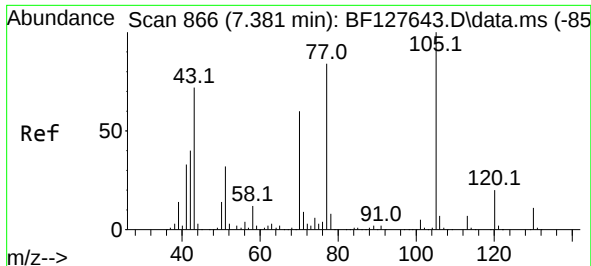
Tgt Ion: 99 Resp: 932452
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 39.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

Tgt Ion: 77 Resp: 536
Ion Ratio Lower Upper
77 100
105 72.0 66.8 106.8
106 104.4 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 12.505 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.147 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

Instrument :

BNA_F

ClientSampleId :

WEST-2

Tgt Ion: 70 Resp: 90416

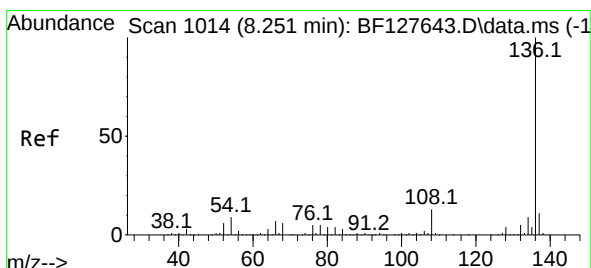
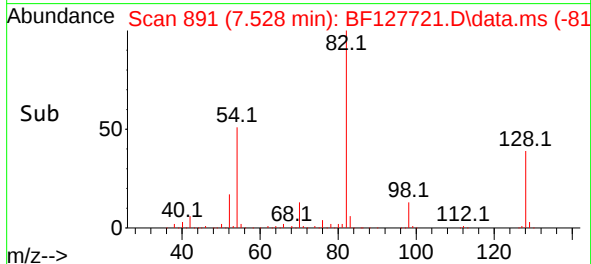
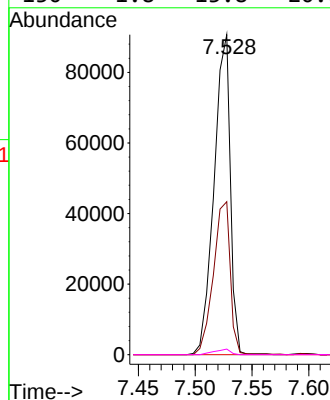
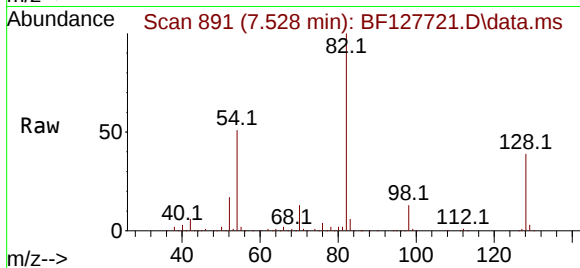
Ion Ratio Lower Upper

70 100

42 47.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

Tgt Ion:136 Resp: 520261

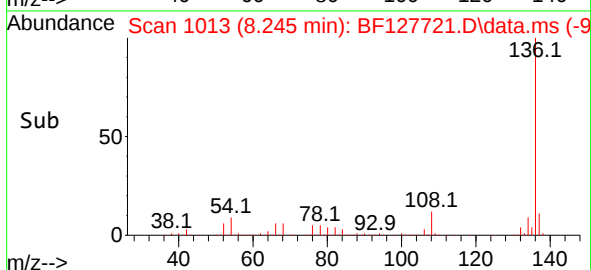
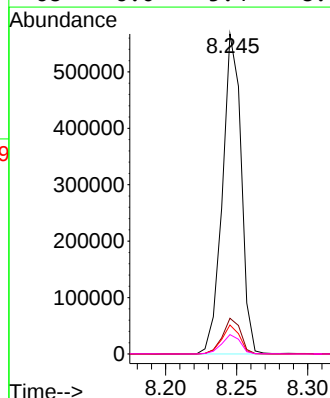
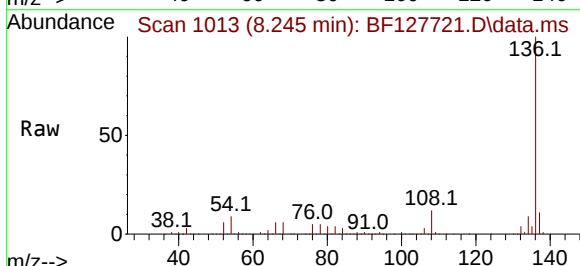
Ion Ratio Lower Upper

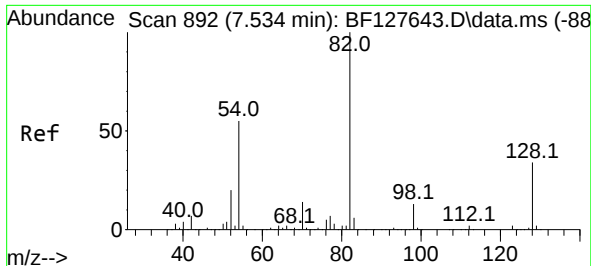
136 100

137 11.1 8.6 13.0

54 9.0 9.2 13.8#

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 57.583 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

Instrument :

BNA_F

ClientSampleId :

WEST-2

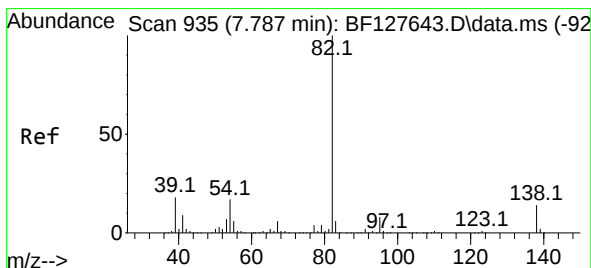
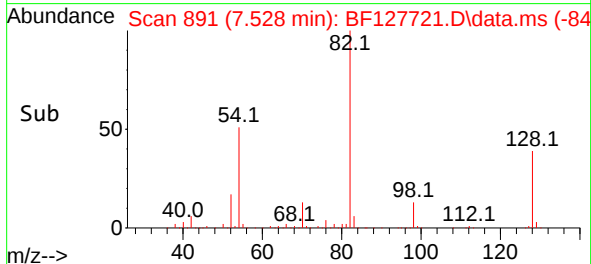
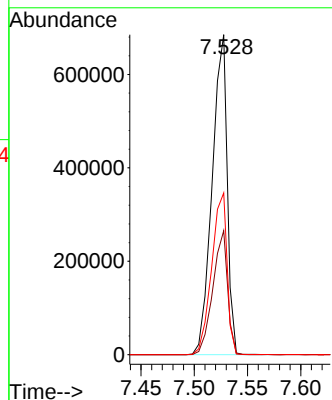
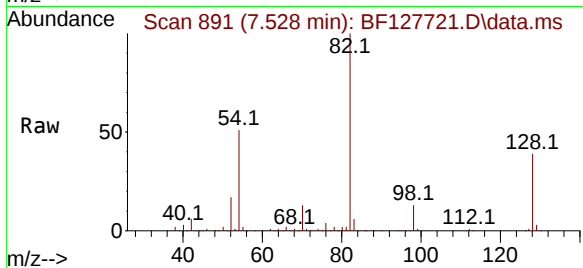
Tgt Ion: 82 Resp: 671994

Ion Ratio Lower Upper

82 100

128 38.7 30.6 45.8

54 50.6 48.2 72.2



#25

Isophorone

Concen: 33.000 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

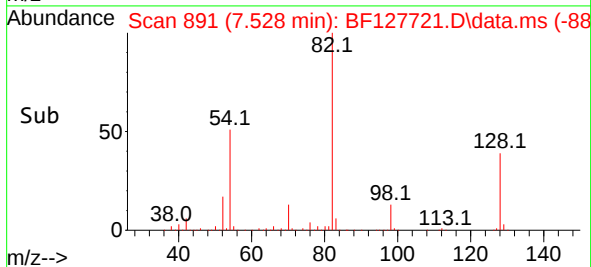
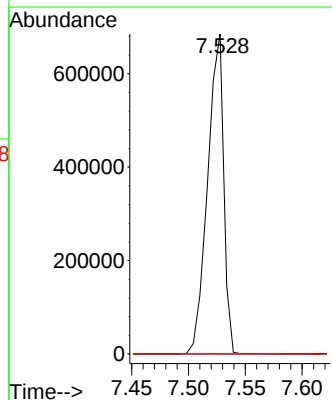
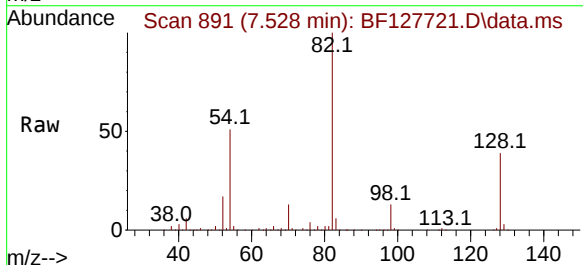
Tgt Ion: 82 Resp: 671978

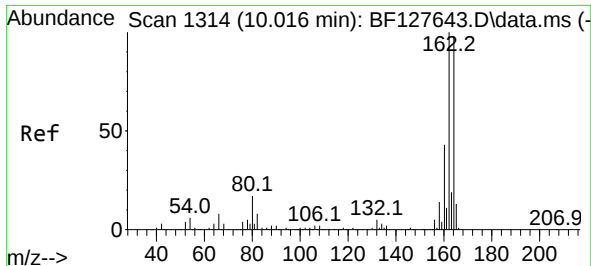
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

Instrument :

BNA_F

ClientSampleId :

WEST-2

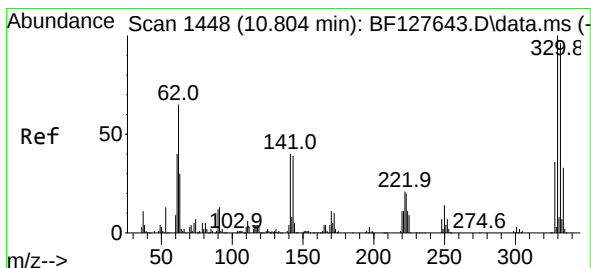
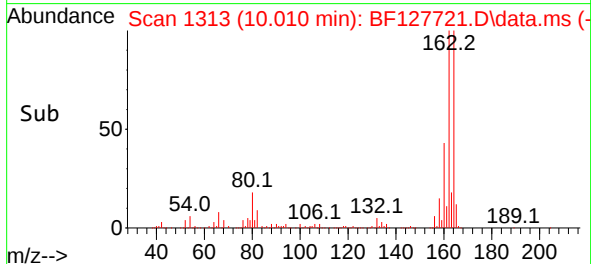
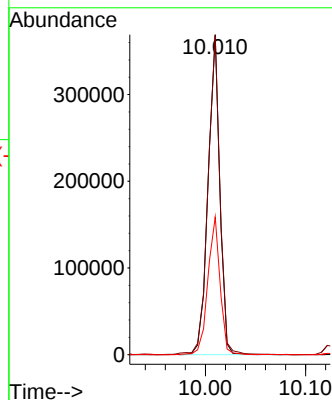
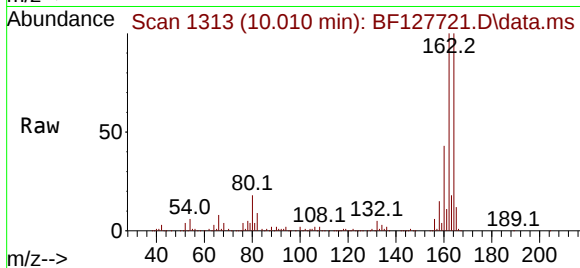
Tgt Ion:164 Resp: 300020

Ion Ratio Lower Upper

164 100

162 99.8 81.2 121.8

160 43.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 90.395 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127721.D

Acq: 08 Apr 2022 18:54

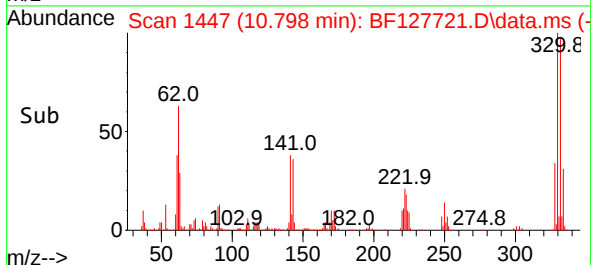
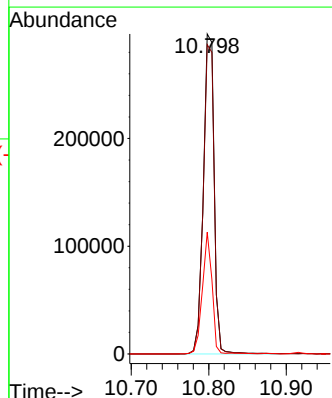
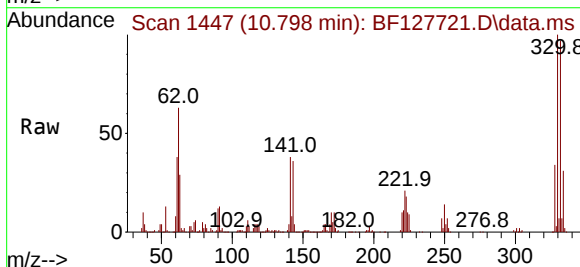
Tgt Ion:330 Resp: 288600

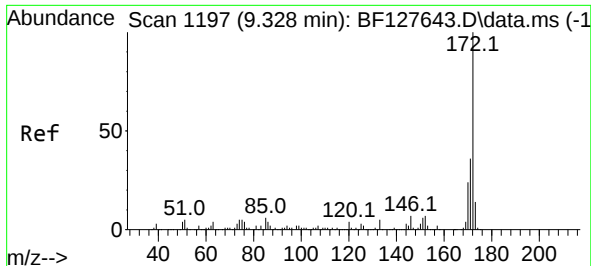
Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

141 34.2 26.2 39.4

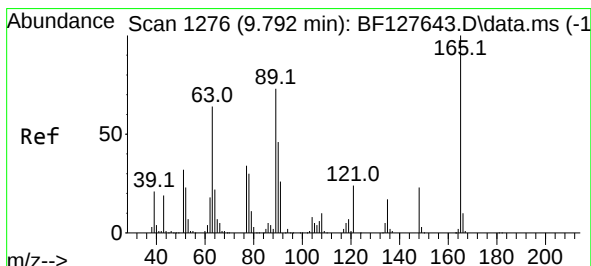
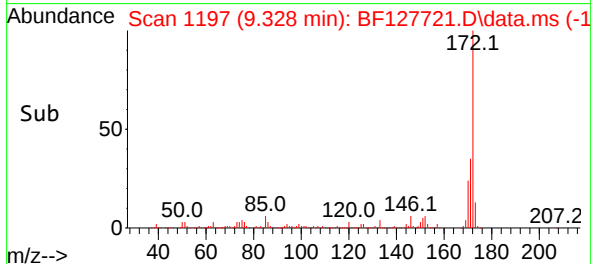
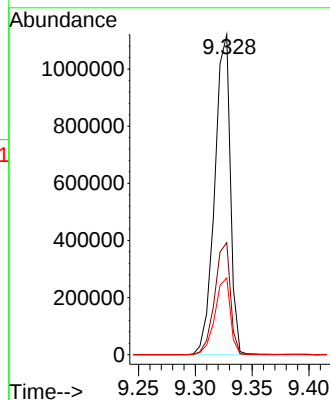
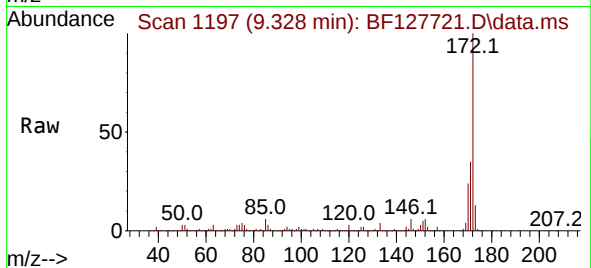




#45
2-Fluorobiphenyl
Concen: 50.710 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

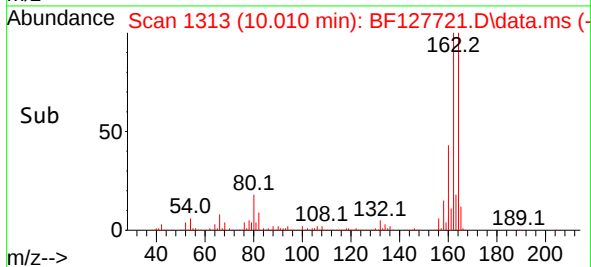
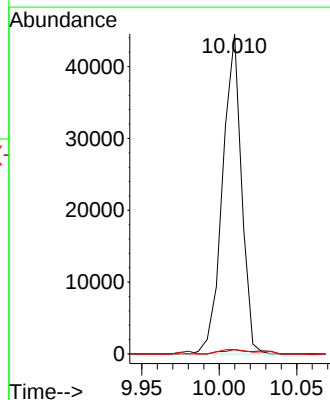
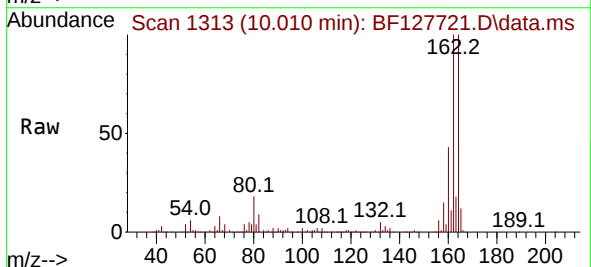
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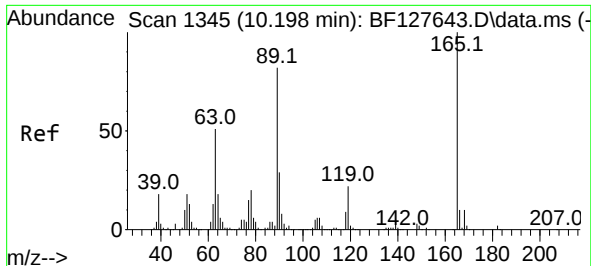
Tgt Ion:172 Resp: 1075448
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.228 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

Tgt Ion:165 Resp: 37827
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.3 51.5 77.3#

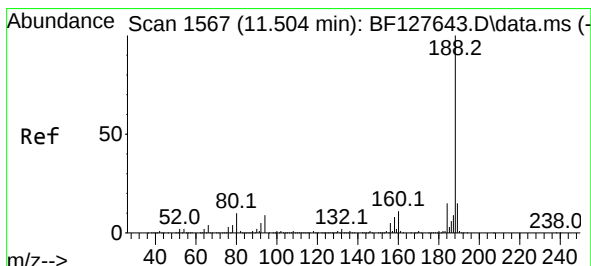
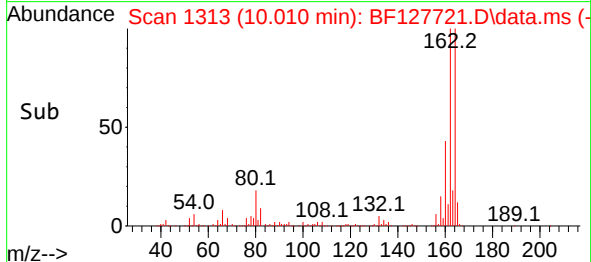
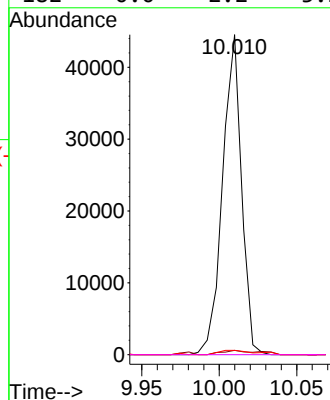
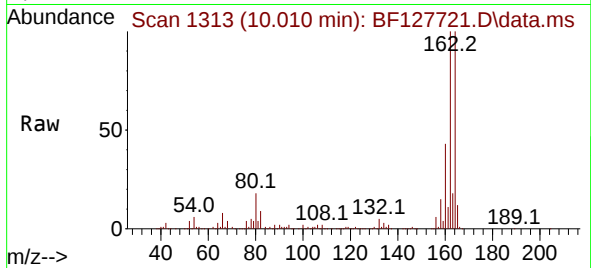




#57
2,4-Dinitrotoluene
Concen: 7.443 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

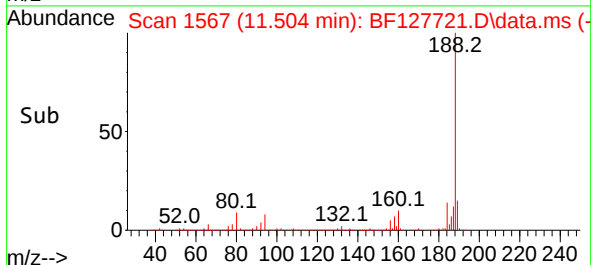
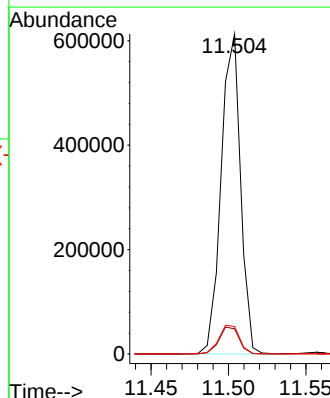
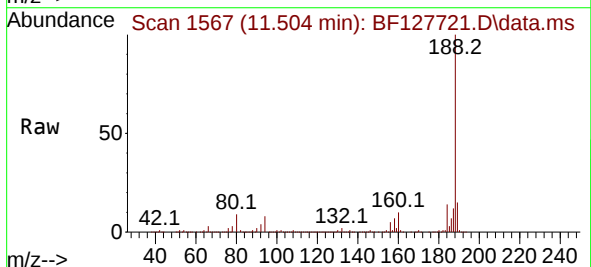
Instrument :
BNA_F
ClientSampleId :
WEST-2

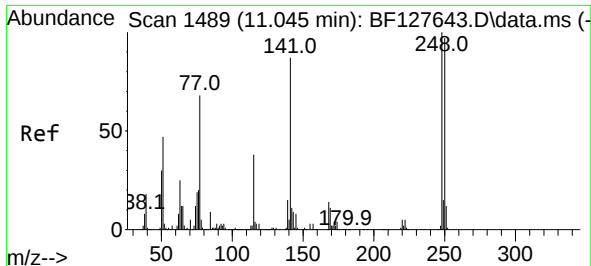
Tgt Ion:165 Resp: 37827
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

Tgt Ion:188 Resp: 533810
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.0
80 8.6 8.0 12.0

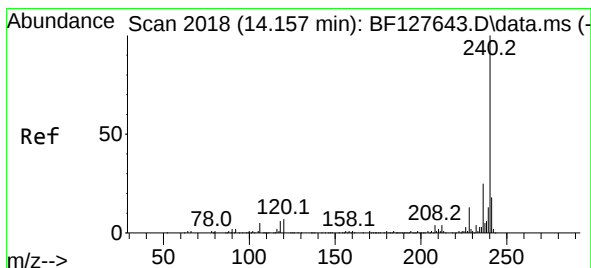
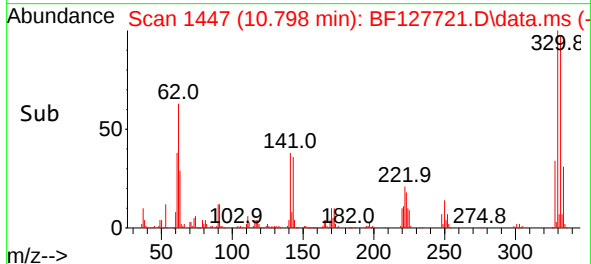
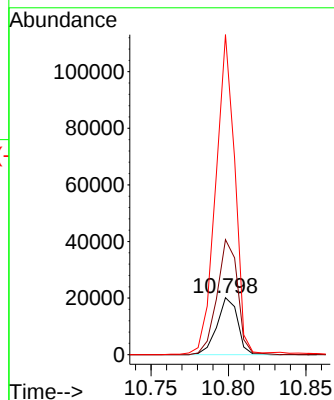
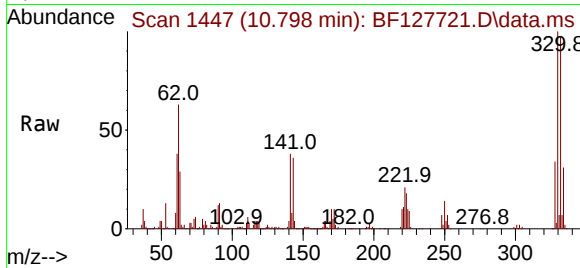




#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

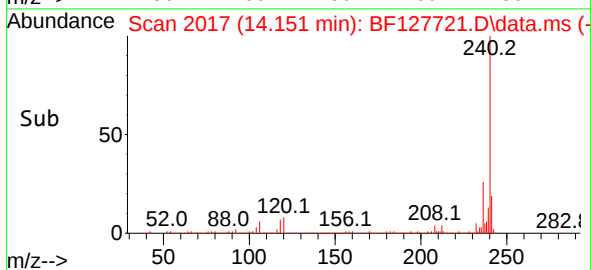
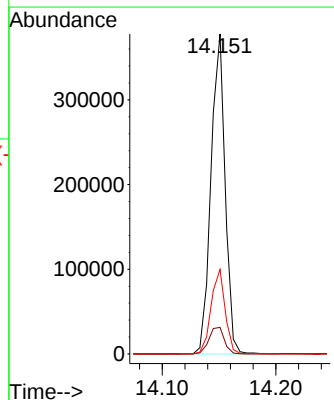
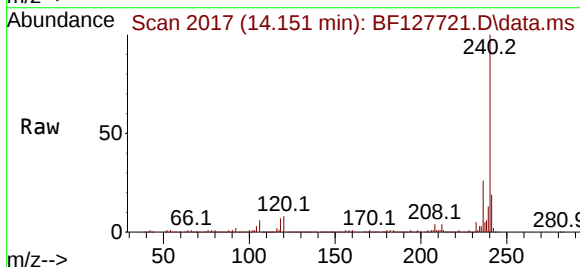
Instrument :
BNA_F
ClientSampleId :
WEST-2

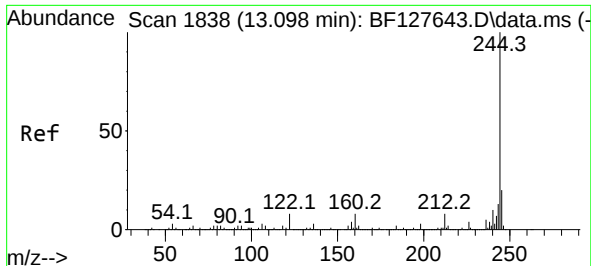
Tgt Ion:248 Resp: 18646
Ion Ratio Lower Upper
248 100
250 201.7 76.6 115.0#
141 561.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127721.D
Acq: 08 Apr 2022 18:54

Tgt Ion:240 Resp: 325745
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.4 20.7 31.1

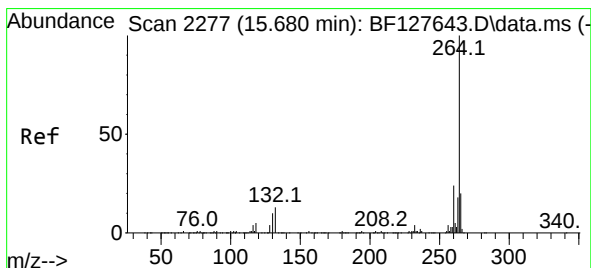
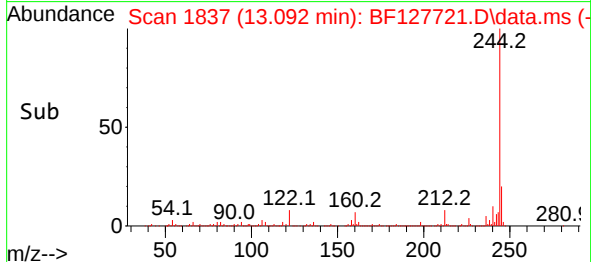
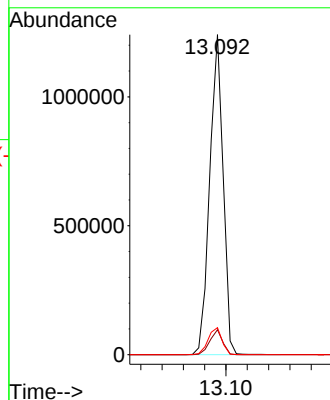
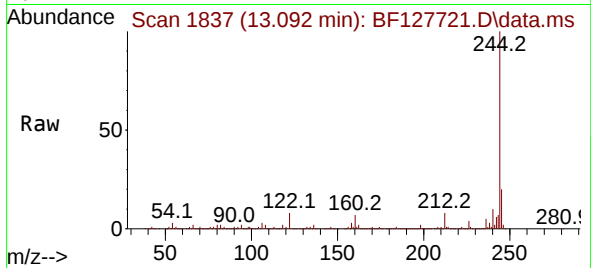




#79
 Terphenyl-d14
 Concen: 54.951 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127721.D
 Acq: 08 Apr 2022 18:54

Instrument :
 BNA_F
 ClientSampleId :
 WEST-2

Tgt Ion:244 Resp: 1084451
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 8.5 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF127721.D
 Acq: 08 Apr 2022 18:54

Tgt Ion:264 Resp: 290699
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 19.7 17.4 26.2

